



# 1999 Toxics Release Inventory

## WISCONSIN

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	30,293,453	12,781,590	43,075,043
Air Emissions	25,479,543	11,365,039	36,844,582
Surface Water Discharges	3,523,115	20,025	3,543,140
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	590	0	590
Other On-site Land Releases	1,290,205	1,396,526	2,686,731
Off-site Releases (Transfers Off-site to Disposal)*	10,697,192	4,609,542	15,306,734
<b>Total On- and Off-site Releases</b>	<b>40,990,645</b>	<b>17,391,132</b>	<b>58,381,777</b>
Recycled On-site	62,455,920	10,215,373	72,671,293
Recycled Off-site	57,992,583	453,866	58,446,449
Energy Recovery On-site	13,025,800	590,916	13,616,716
Energy Recovery Off-site	13,661,973	13,796,016	27,457,989
Treated On-site	111,613,249	2,945,760	114,559,009
Treated Off-site**	14,802,366	1,116,217	15,918,583
Quantity Released On- and Off-site***	39,179,381	16,998,106	56,177,487
<b>Total Production-related Waste Managed</b>	<b>312,731,272</b>	<b>46,116,254</b>	<b>358,847,526</b>
<b>Total Non-production-related Waste Managed</b>	<b>148,650</b>	<b>1,013</b>	<b>149,663</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	57,619,441	4,547,961	62,167,402
Energy Recovery	13,583,988	10,387,707	23,971,695
Treatment	8,798,865	701,742	9,500,607
Publicly Owned Treatment Works (POTWs)	5,895,837	1,455	5,897,292
Metals and Metal Compounds*	83,012	5	83,017
Non-metal TRI Chemicals**	5,812,825	1,450	5,814,275
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	11,520,527	4,609,837	16,130,364
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>97,418,658</b>	<b>20,248,702</b>	<b>117,667,360</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

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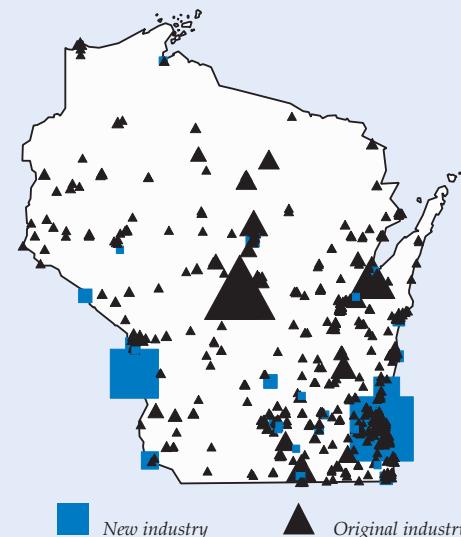
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#### To obtain TRI data use

assistance, call TRI User  
Support Service (TRI-US):

(202) 260-1531

Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Wisconsin. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	5,250,446
Square Miles	54,314
Total Facilities	865
Total Forms	2,676
Form As	384

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	22	30	29
Pounds	40,990,645	17,391,132	58,381,777
<b>National Rank for Total On-site Releases**</b>			
Rank	23	32	30
Pounds	30,293,453	12,781,590	43,075,043
<b>National Rank for Total Releases within State***</b>			
Rank	22	30	29
Pounds	40,960,837	16,594,953	57,555,790
<b>National Rank for Production-related Waste Managed</b>			
Rank	25	29	26
Pounds	312,731,272	46,116,254	358,847,526

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1999 Toxics Release Inventory

## WISCONSIN

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
67-56-1	Methanol	5,668,888	208,959	0	45,170	4,786	5,927,803	0	3,387	1,399
--	Nitrate compounds	606	3,062,193	0	303,908	547,547	3,914,254	5,400	547,468	79
108-88-3	Toluene	2,605,951	2	0	0	4,203	2,610,156	5,988	3,859	344
--	Zinc compounds	83,818	122	0	46,008	2,258,228	2,388,176	866,143	664,109	1,594,119
--	Manganese compounds	34,131	40,493	0	353,578	1,845,808	2,274,010	192,176	1,310,017	536,791
7664-93-9	Sulfuric acid	1,906,720	113	0	160,272	8,700	2,075,805	0	0	8,700
--	Glycol ethers	1,961,727	1,487	0	4	23,861	1,987,079	3,435	18,725	5,136
1330-20-7	Xylene (mixed isomers)	1,929,376	250	0	0	2,106	1,931,732	832	358	1,748
7647-01-0	Hydrochloric acid	1,869,549	0	0	0	0	1,869,549	41,000	0	0
7440-50-8	Copper	37,619	881	0	6,700	1,602,286	1,647,486	130,214	294,271	1,308,015

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	8,765,635	0	0	0	0	8,765,635	0	0	0
--	Barium compounds	34,149	2,796	0	760,356	2,757,450	3,554,751	5	2,037,520	719,930
--	Zinc compounds	45,422	2,033	0	533,285	1,281,153	1,861,893	1	1,243,454	37,699
7664-93-9	Sulfuric acid	1,255,560	0	0	0	17,800	1,273,360	0	17,800	0
7664-39-3	Hydrogen fluoride	1,083,402	0	0	29	0	1,083,431	0	0	0
--	Manganese compounds	5,296	765	0	49,534	232,846	288,441	0	211,146	21,700
--	Copper compounds	2,982	10,462	0	24,378	179,571	217,393	1	160,571	19,000
7664-41-7	Ammonia	123,171	29	0	0	0	123,200	0	0	0
--	Chromium compounds	637	93	0	6,036	70,375	77,141	347	66,375	4,000
--	Cobalt compounds	943	0	0	1,012	43,800	45,755	0	43,800	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1999 Toxics Release Inventory

# WISCONSIN

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Consolidated Papers Inc. - Kraft Div., Wisconsin Rapids, Wood	3,116,445	1,500	0	0	0	194,000	3,311,945	157,400	0
Georgia-Pacific Corp. Nekoosa Mill, Nekoosa, Wood	1,548,720	446,748	0	0	0	195,546	2,191,014	15,000	0
Fort James Operating Co., Green Bay, Brown	1,256,800	741,240	0	0	0	0	1,998,040	15,150	0
GMTG - Janesville Assembly, Janesville, Rock	1,122,487	0	0	0	0	0	1,122,487	2,120	2,696
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	459,017	567,950	0	0	0	0	1,026,967	1,147	0
Quad/Graphics, Inc., Lomira, Dodge	886,915	0	0	0	0	0	886,915	1,052	0
Uniroyal Engineered Prods., Stoughton, Dane	642,824	0	0	0	0	0	642,824	13,793	0
Packaging Corp. of America, Tomahawk, Lincoln	584,764	12,972	0	0	0	40,546	638,282	0	0
Rhineland Paper Co., Rhineland, Oneida	444,565	191,925	0	0	0	161	636,651	0	0
Georgia-Pacific Corp. Port Edwards Mill, Port Edwards, Wood	356,350	236,902	0	0	0	17,500	610,752	11,000	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Oak Creek Power Plant, Oak Creek, Milwaukee	3,475,677	5,980	0	0	0	316,840	3,798,497	313,900	566,000
Dairyland Power Cooperative - Genoa Site, Genoa, Vernon	2,781,470	20	0	0	0	138	2,781,628	14,600	0
Port Washington Power Plant, Port Washington, Ozaukee	1,269,054	160	0	0	0	0	1,269,214	7,600	4,700
Valley Power Plant, Milwaukee, Milwaukee	808,045	1,125	0	0	0	0	809,170	14,010	4,670
Nelson Dewey Generating Station, Cassville, Grant	160,024	500	0	0	0	520,958	681,482	0	0
Northern States Power Co. - Wisconsin, La Crosse, La Crosse	502,534	250	0	0	0	0	502,784	99,542	0
Columbia Energy Center, Portage, Columbia	210,096	28	0	0	0	227,944	438,068	0	0
Dairyland Power Cooperative - Alma Site, Alma, Buffalo	412,497	862	0	0	0	13,655	427,014	487,000	0
Weston Power Plant, Rothschild, Marathon	187,445	6	0	0	0	233,200	420,651	0	0
Pleasant Prairie Power Plant, Kenosha, Kenosha	358,806	6,431	0	0	0	0	365,237	909,000	175,100

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.



# 1999 Toxics Release Inventory

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### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
Consolidated Papers Inc. - Kraft Div., Wisconsin Rapids, Wood	0	0	2,569,750	0	500,000	6,862,840	3,474,710	13,407,300	0
Georgia-Pacific Corp. Nekoosa Mill, Nekoosa, Wood	0	0	2,070,300	0	3,235,180	0	2,206,383	7,511,863	0
Fort James Operating Co., Green Bay, Brown	0	68,260	0	0	365,940	0	2,012,770	2,446,970	0
Charter Steel Div. of Charter Mfg., Saukville, Ozaukee	0	1,100,000	0	0	220,000	674	1,527,890	2,848,564	0
GMTG - Janesville Assembly, Janesville, Rock	0	694,810	0	0	394,551	102,200	1,105,670	2,297,231	1
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	0	0	0	0	746,450	0	1,028,107	1,774,557	0
Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca	0	1,080,070	0	0	122,500	9,680	1,020,875	2,233,125	0
Quad/Graphics, Inc., Lomira, Dodge	169,460	0	0	74,350	62,360,000	1,118	887,100	63,492,028	1
Uniroyal Engineered Prods., Stoughton, Dane	253,000	0	0	6,020	0	0	648,740	907,760	0
Packaging Corp. of America, Tomahawk, Lincoln	0	0	0	0	335,551	0	638,283	973,834	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
Oak Creek Power Plant, Oak Creek, Milwaukee	0	0	0	0	0	0	4,678,397	4,678,397	0
Dairyland Power Cooperative - Genoa Site, Genoa, Vernon	0	0	0	0	0	0	2,794,100	2,794,100	0
Pleasant Prairie Power Plant, Kenosha, Kenosha	0	0	0	0	0	0	1,449,337	1,449,337	0
Edgewater Generating Station, Sheboygan, Sheboygan	0	0	0	0	19,000	0	1,328,830	1,347,830	0
Port Washington Power Plant, Port Washington, Ozaukee	0	0	0	0	0	0	1,281,514	1,281,514	0
Dairyland Power Cooperative - Alma Site, Alma, Buffalo	0	0	0	0	0	0	910,000	910,000	0
Valley Power Plant, Milwaukee, Milwaukee	0	0	0	0	0	0	827,850	827,850	0
Nelson Dewey Generating Station, Cassville, Grant	0	0	0	0	18,532	0	680,757	699,289	0
Northern States Power Co. - Wisconsin, La Crosse, La Crosse	0	0	0	0	0	0	601,202	601,202	0
Columbia Energy Center, Portage, Columbia	0	0	0	0	22,340	0	438,068	460,408	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.